Chittenden County Soil Key

Parent Materials	Soil Temp.	Excessively Drained	Somewhat Excessively Drained	Well Drained	Moderately Well Drained	Somewhat Poorly Drained	Poorly Drained	Very Poorly Drained
ALLUVIUM - Soil formed from material of mixed composition deposited by running water on floodplains								
Coarse-Silty Deposits								
	Mesic			Hadley	Winooski		Limerick	
GLACIOLACUSTRINE DEPOSITS - Soil formed from stratified material deposited by melt water in glacial lakes.								
Clay Deposits								
	Mesic				Vergennes		Covington	Livingston
	Frigid						Scantic	
Coarse-Silty Deposits								
	Mesic			Hartland	Belgrade		Raynham	
Coarse-Silty over Clay Deposits								
	Mesic					Munson		
Coarse-Loamy over Clay Deposits								
	Mesic						Whately	
Sandy over Loamy Deposits								
	Mesic			Hinesburg	Eldridge		Enosburg	

1 - Very shallow to bedrock 2 - Shallow to bedrock 3 - Moderately deep to bedrock
4 - Deep to very deep to bedrock 5 - Very shallow to moderately deep to bedrock
V or Var - Soil variant.

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GLACIOFLUVIAL DEPOSITS - Soil formed from material deposited by melt water on kames eskers and outwash plains								
Sand Deposits								
	Mesic	Windsor			Deerfield			Scarboro
	Frigid		Adams			Au Gres		
Stratified Sand and Gravel Deposits								
	Mesic	Groton						
	Frigid	Colton		Stetson	Duane			
Coarse-Loamy over Sand or Gravel Deposits								
	Mesic			Agawam				
GLACIAL TILL - Soils formed from nonstratified drift deposited by glaciers on upland areas.								
Coarse-Loamy Till - more than 50 % very fine sand plus silt								
high base saturation,	Mesic		Farmington 2/	Nellis		Massena		
depth to pH > 7.2								
is less than 40 inches.								
high base saturation,	Mesic			Stockbridge	Georgia			
depth to pH > 7.2								
is more than 40 inches.								
Coarse-Loamy Till - more than 50 % very fine sand plus silt and high in coarse fragments								
high base saturation	Mesic			Palatine 3/				

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Coarse-Loamy Till - less than 50 % very fine sand plus silt								
thin spodic horizon	Frigid		Lyman 2/					
DENSE TILL - Soils formed from compacted material deposited at the base of the glacier on smooth upland areas.								
Coarse-Loamy Dense Till - more than 50 % very fine sand plus silt								
umbric epipedon	Frigid						Cabot	
histic epipedon	Frigid							Peacham
Coarse-Loamy Dense Till - less than 50 % very fine sand plus silt								
thin spodic horizon	Frigid			Marlow	Peru			
ORGANIC DEPOSITS - Very poorly drained soils formed in bogs and swamps								
Moderately to highly decomposed								
Organic deposits more								
than 18 inches thick.	Mesic							Muck
								Peat

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